

CIVIL AERONAUTICS ADMINISTRATION

P-879
Revision 6
Beech
272
April 15, 1996

TYPE CERTIFICATE DATA SHEET NO. P-879

Propellers of models described herein conforming with this specification and approved data on file with the Civil Aeronautics Administration are rated as airworthy for use in certificated aircraft in accordance with pertinent aircraft specifications and applicable portions of the Civil Air Regulations provided they are installed, operated, and maintained as prescribed by the manufacturer.

Type Certificate Holder	Raytheon Aircraft Company 9709 E. Central Wichita, KS 67201
Type	Constant speed; hydro-mechanical (see NOTES 3 and 4)
Engine shaft	SAE # 20 spline shaft
Hub material	Steel
Blade material	Aluminum alloy
Number of blades	2
Hub model eligible	272-100 series (see NOTE 1)

Blades Eligible (See Note 2)	Maximum Continuous		Takeoff		Diameter Limits	Approx. Max. Wt. Complete (for reference only) (See Notes 3, 4 & 7)
	HP	RPM	HP	RPM		
272-234-101 to 272-234-88	325	2000	375	2180	101" - 88"	95 lbs.

Certification basis	Type Certificate No. 879
Production basis	Production Certificate No. 501

NOTE 1. Hub Model Designation

272 - 1 05

Basic model

Minor change not affecting eligibility

Basic drawing identity

NOTE 2. Blade Model Designation

272 - 234 - 96 - 1

Basic blade model

Minor change (when used) not affecting eligibility

Propeller diameter in inches

Basic blade design

NOTE 3. Pitch Control Eligible. Eligible only with Beech control unit 272-200 and Beech governor B200-250. Additional weight of governor 3-1/2 lbs. (Weight of transmission is included in approximate weight of propeller listed above.)

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- NOTE 4. Feathering. Eligible only with Beech full feathering control.
- NOTE 5. Left-Hand Models. Not applicable.
- NOTE 6. Interchangeable Blades. Not applicable.
- NOTE 7. Accessories.
- (a) Propeller Deicing
- (1) Eligible with Beech fluid deicer slinger ring included in Item (b)(1).
- (2) Eligible with Beech No. 279-404 (Goodrich No. 37572) propeller deicer fluid feed strips when installed in accordance with instructions issued by Beech.
- (b) Propeller Spinner
- Eligible with:
- (1) Beech spinner 272-102 (additional weight 6 lbs.)
- (2) Beech spinner 268-203 (additional weight 7 lbs.)
- NOTE 8. Not applicable.

- NOTE 9. Table of Propeller-Engine Combinations
Approved Vibrationwise for Use on Single-Engine Tractor Aircraft
 The maximum and minimum propeller diameters that can be used from a vibration standpoint are shown, and do not necessarily represent the diameter of the propeller actually used in any particular installation.

Blade Model	Engine Model	Max. Dia. (inches)	Min. Dia. (inches)	Placards
272-234-98	Lycoming GO-435-C2	98-1/2	97-1/2	Avoid continuous operation between 2875 and 3075 rpm.
	Lycoming GO-435-C2-6	98-1/2 94-1/2	97-1/2 92	Avoid continuous operation between 2200 and 2550 rpm.

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